

## Luminaire

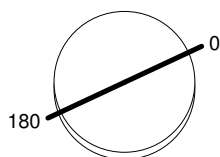
Code 1401018A  
Name AMELUNA sospensione USA

## Measurem.

Code FTS1700337  
Name AMELUNA sospensione USA

Luminaire Flux	3275.90 lm	Luminaire Power	46.00 W	Efficacy	71.22 lm/W	Efficiency	100.00%
Lamps Flux	3275.90 lm	Maximum value	202.07 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area	Diam. 795 mm Diam. 795 mm	Height	160 mm	Height	5 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°	0.496391 m2 0.003975 m2 0.003975 m2	Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°				0.003975 m2 0.003975 m2 0.123945 m2	
Coordinate system Date Measurement Distance	CG 01-12-2016 0.00	Symmetry Type Maximum Gamma Angle Measurement Flux				Rotosymmetrical 180 3275.90 lm	
LED Flux=4173,12lm LED Power=38W Eff=78,5% EfcLed=110lm/W EfcLum=71lm/W Ra=90 SDCM=3 L70(6K)=50000h							
C.I.E. F UTE	43 74 91 64 100 0.64 G + 0.36 T	D DIN 5040 B NBN		B31 BZ 5			

Diam=795mm



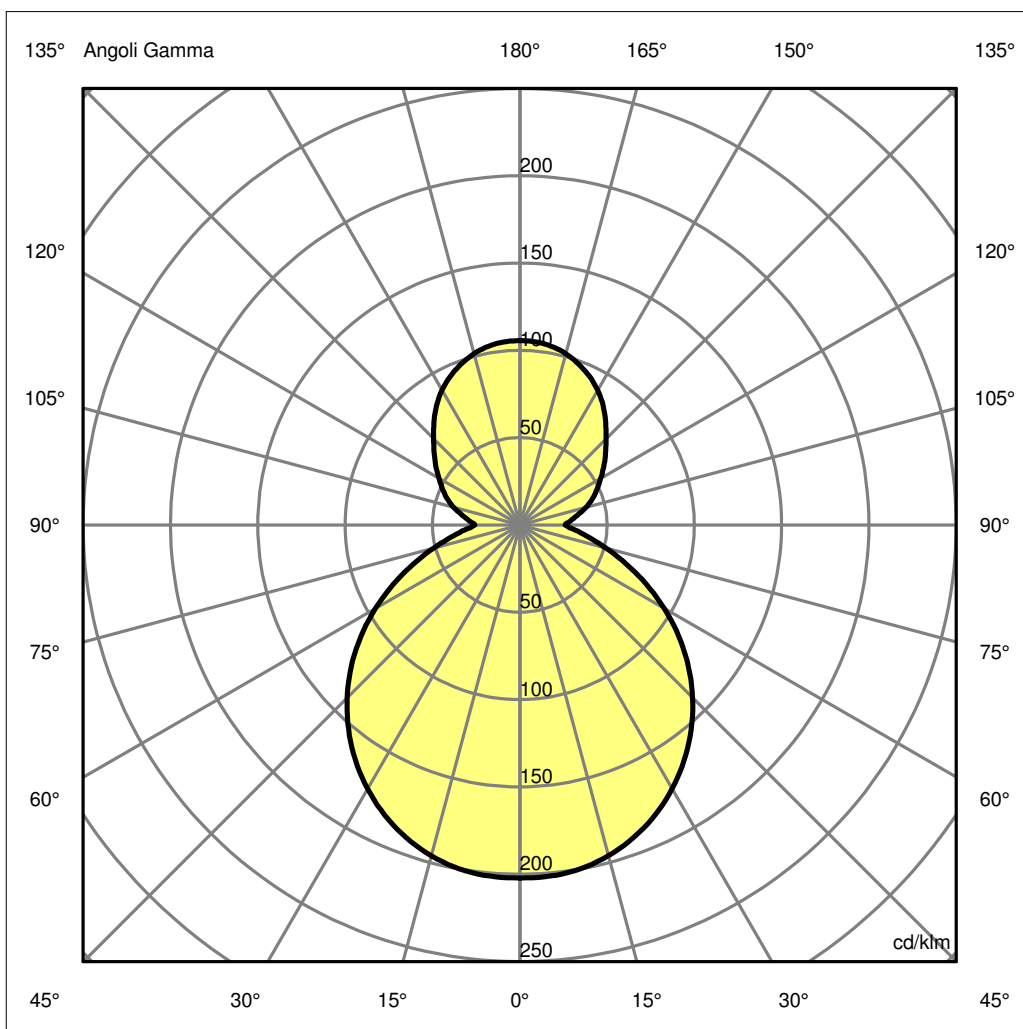
Semipiani C

180.0 ——— 0.0

ULOR 36.24 %

DLOR 63.76 %

RN 36.24 %



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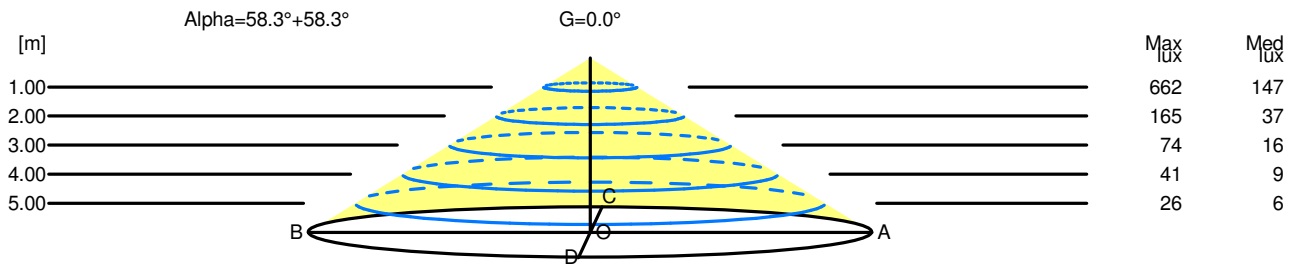
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Lamps Flux	3275.90 lm	Maximum value	202.07 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area		Diam.	795 mm	Height	160 mm		
		Diam.	795 mm	Height	5 mm		
Horizontal Luminous Area	0.496391 m2			Emitting area on Plane 180°	0.003975 m2		
Emitting area on Plane 0°	0.003975 m2			Emitting area on Plane 270°	0.003975 m2		
Emitting area on Plane 90°	0.003975 m2			Glare area at 76°	0.123945 m2		
Coordinate system	CG			Symmetry Type	Rotosymmetrical		
Date	01-12-2016			Maximum Gamma Angle	180		
Measurement Distance	0.00			Measurement Flux	3275.90 lm		
LED Flux=4173,12lm LED Power=38W Eff=78,5% EfcLed=110lm/W EfcLum=71lm/W Ra=90 SDCM=3 L70(6K)=50000h							
C.I.E.	43 74 91 64 100			D DIN 5040	B31		
F UTE	0.64 G + 0.36 T			B NBN	BZ 5		

### Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.62	3.23	4.85	6.46	8.08	OC	1.62	3.23	4.85	6.46	8.08
OB	1.62	3.23	4.85	6.46	8.08	OD	1.62	3.23	4.85	6.46	8.08

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	661.97	660.78	641.98	599.97	537.62	458.35	364.23	261.27	168.07	104.74
OB	661.97	660.78	641.98	599.97	537.62	458.35	364.23	261.27	168.07	104.74
OC	661.97	660.78	641.98	599.97	537.62	458.35	364.23	261.27	168.07	104.74
OD	661.97	660.78	641.98	599.97	537.62	458.35	364.23	261.27	168.07	104.74



H[m]	D[m]	Max lux	Med lux	Alpha=58.3°+58.3°	G=0.0
1.00	3.23	662	147		
2.00	6.46	165	37		
3.00	9.70	74	16		
4.00	12.93	41	9		
5.00	16.16	26	6		

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Luminaire Flux	3275.90 lm	Luminaire Power	46.00 W	Efficacy	71.22 lm/W	Efficiency	100.00%
Lamps Flux	3275.90 lm	Maximum value	202.07 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

**UGR**  
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	10.9	11.8	11.6	12.6	13.5	10.9	11.8	11.6	12.6	13.5
x=2H y=3H	12.6	13.5	13.4	14.3	15.2	12.6	13.5	13.4	14.3	15.2
x=2H y=4H	13.5	14.2	14.2	15.0	16.0	13.5	14.2	14.2	15.0	16.0
x=2H y=6H	14.3	15.0	15.1	15.8	16.8	14.3	15.0	15.1	15.8	16.8
x=2H y=8H	14.8	15.5	15.6	16.3	17.3	14.8	15.5	15.6	16.3	17.3
x=2H y=12H	15.3	15.9	16.1	16.8	17.8	15.3	15.9	16.1	16.8	17.8
x=4H y=2H	11.6	12.4	12.4	13.1	14.1	11.6	12.4	12.4	13.1	14.1
x=4H y=3H	13.5	14.2	14.3	15.0	16.0	13.5	14.2	14.3	15.0	16.0
x=4H y=4H	14.5	15.1	15.3	15.9	17.0	14.5	15.1	15.3	15.9	17.0
x=4H y=6H	15.5	16.0	16.3	16.9	17.9	15.5	16.0	16.3	16.9	17.9
x=4H y=8H	16.0	16.5	16.9	17.4	18.5	16.0	16.5	16.9	17.4	18.5
x=4H y=12H	16.7	17.1	17.5	18.0	19.1	16.7	17.1	17.5	18.0	19.1
x=8H y=4H	14.9	15.4	15.8	16.2	17.3	14.9	15.4	15.8	16.2	17.3
x=8H y=6H	16.1	16.5	17.0	17.4	18.5	16.1	16.5	17.0	17.4	18.5
x=8H y=8H	16.8	17.2	17.7	18.1	19.2	16.8	17.2	17.7	18.1	19.2
x=8H y=12H	17.6	17.9	18.6	18.9	20.0	17.6	17.9	18.6	18.9	20.0
x=12H y=4H	14.9	15.4	15.8	16.3	17.4	14.9	15.4	15.8	16.3	17.4
x=12H y=6H	16.3	16.6	17.2	17.5	18.7	16.3	16.6	17.2	17.5	18.7
x=12H y=8H	17.1	17.4	18.0	18.3	19.4	17.1	17.4	18.0	18.3	19.4